

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A pneumatic support (1), comprising:

— ~~with~~ a gas-tight, elongated hollow body (2) of a flexible material adapted to that
~~can~~ be pressurized with compressed gas;

— ~~and with~~ at least two compression/tension elements; (5);

~~characterized in that~~

— ~~these~~ wherein the compression/tension elements (5) adjoin the hollow body (2)
along a surface line thereof and are connected to the hollow body; ~~in that~~

— wherein the hollow body (2) has a tapered shape toward both of its ends; and,
~~and in that~~

— wherein the at least two compression/tension elements (5) are positively
connected to one another at their ends.

2. (Currently Amended) The pneumatic support (1) according to claim ~~Claim~~ 1, wherein
~~characterized in that~~ the at least two compression/tension elements (5) are arranged
around the hollow body (2) in a rotationally symmetrical fashion.

3. (Currently Amended) The pneumatic support (1) according to claim 1 ~~one of Claims 1-2,~~
wherein ~~characterized in that~~ at least one of the at least two compression/tension
elements (5) only needs to absorb tensile forces and ~~consequently~~ is realized in the form
of a tension element; (4); ~~and in that~~

wherein the at least one of the at least two compression/tension elements (5) only
needs to absorb compressive forces and ~~consequently~~ is realized in the form of a compression
member; and (3);

wherein the ~~this~~ at least one compression member (3) is non-positively fixed on the
hollow body (2) along a surface line thereof and non-positively connected to the ~~at least one~~
tension element (4) at the its two ends.

4. (Currently Amended) The pneumatic support (1) according to claim ~~Claim~~ 3, ~~characterized in that wherein~~ the at least one compression member (3) extends along a surface line of the hollow body (2) that lies diametrically opposite of the tension element (4) and is non-positively fixed on the ~~this~~ hollow body (2).
5. (Currently Amended) The pneumatic support (1) according to claim 1 ~~one of Claims 1-4~~, ~~wherein characterized in that~~ the hollow body (2) has an essentially circular cross section along a ~~the~~ longitudinal axis.
6. (Currently Amended) The pneumatic support (1) according to claim 5 ~~one of Claims 1-5~~, ~~wherein characterized in that~~ the hollow body (2) is essentially divided into ~~several a~~ plurality of chambers (10) that can be pressurized transverse to the longitudinal axis, wherein the plurality of ~~these chambers (10)~~ ~~essentially~~ extend over the entire cross-section of the hollow body (2).
7. (Currently Amended) The pneumatic support (1) according to claim ~~Claim~~ 6, ~~characterized in that wherein~~ the plurality of chambers (10) are pressurized to different degrees and subjected to a higher pressure ~~pressures~~ toward the ends of the hollow body (2) than towards a ~~in the~~ center of the hollow body (2).
8. (Currently Amended) The pneumatic support (1) according to claim 1 ~~one of Claims 1-5~~, ~~wherein characterized in that~~ the hollow body (2) is divided into a plurality of ~~several~~ chambers (10) that can be pressurized and ~~essentially~~ lie parallel to a ~~the~~ longitudinal axis, wherein the plurality of ~~these chambers (10)~~ ~~essentially~~ extend over the entire length of the hollow body (2).
9. (Currently Amended) The pneumatic support (1) according to claim 1 ~~one of Claims 1-8~~, ~~wherein characterized in that~~ end pieces (9) are provided on both ends, wherein compression members (3), tension elements (4) and said compression/tension elements (5) are non-positively fixed on said end pieces.

10. (Currently Amended) The pneumatic support (1) according to claim 1 ~~one of Claims 1-9~~,
wherein ~~characterized in that~~ the compression/tension elements (5) are elastically
bendable, and wherein ~~in that the~~ a support (2) can be rolled up or folded up in a the non-
pressurized state.
11. (Currently Amended) The pneumatic support (1) according to claim 1 ~~one of Claims 1-10~~,
wherein ~~characterized in that~~ the compression/tension elements (5) are fixed on the
hollow body (2) by means of either:
—~~several~~ a plurality of bands that extend around the hollow body (2) and are fixed
on the compression/tension elements; (5) ~~or~~
—~~by means of~~ pockets, wherein ~~into which~~ the compression/tension elements (5)
are inserted into said pockets; and, ~~or~~
—~~by means of~~ welt-type connections.
12. (Currently Amended) The pneumatic support (1) according to claim 1 ~~one of Claims 1-11~~,
wherein ~~characterized in that~~ the hollow body (2) is composed of:
an outer cover; (7) ~~and~~
at least one inner bladder (11) inserted therein; and,
wherein the outer cover (7) is manufactured of a flexible material of limited
stretchability and the inner bladder (11) is manufactured of an air-tight elastic membrane.
13. (Currently Amended) The pneumatic support (1) according to claim 12 ~~one of Claims 6-8~~
~~and 12~~, wherein ~~characterized in that~~ the outer cover (7) of the hollow body is divided
into a plurality of ~~several~~ chambers (10) by means of webs (12).
14. (Currently Amended) The pneumatic support (1) according to claim 1 ~~one of Claims 1-13~~,
wherein ~~characterized in that~~ the support (1) is realized in an arc-shaped fashion.

15. (Currently Amended) The pneumatic support (1) according to claim ~~Claim~~ 14, characterized ~~in that the~~ wherein ends of the arc-shaped support (1) are connected by an external tension element (14) that does not adjoin the hollow body (2).
16. (Currently Amended) The ~~utilization of pneumatic support supports (1)~~ according to claim ~~1, wherein the pneumatic support can be utilized to one of Claims 1-15~~ as support elements in building construction and civil engineering works.
17. (Currently Amended) The ~~utilization of at least two pneumatic support supports (1)~~ according to claim 1, wherein the pneumatic support can be utilized one of Claims 1-15 as bridge supports, wherein ~~a~~ the roadway construction (13) is placed on an ~~the~~ upper compression/tension element ~~elements (5)~~ and fixed thereon.